



-1-

SEQUENCE LISTING

<110> Kubo, Ralph T.

Grey, Howard M.

Sette, Alessandro

Celis, Esteban

<120> HLA Binding Peptides and Their Uses

<130> 2060.005000D

<140> 09/665,510

<141> 2000-09-19

<150> US 08/347,610

<151> 1994-12-01

<150> US 08/159,339

<151> 1993-11-29

<150> US 08/103,396

<151> 1993-08-06

<150> US 08/027,746

<151> 1993-03-05

<150> US 07/926,666

<151> 1992-08-07

<160> 613

<170> PatentIn version 3.1

<210> 1

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 1

Ile	His	Asp	Ile	Ile	Leu	Glu	Cys	Val	Tyr
1				5					10

<210> 2

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 2

Val	Cys	Asp	Lys	Cys	Leu	Lys	Phe	Tyr
1				5				

<210> 3

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 3

Tyr Ser Lys Ile Ser Glu Tyr Arg His Tyr
1 5 10

<210> 4

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 4

Ile Ser Glu Tyr Arg His Tyr Cys Tyr
1 5

<210> 5

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 5

Gly Thr Thr Leu Glu Gln Gln Tyr Asn Lys
1 5 10

<210> 6

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 6

Thr Thr Leu Glu Gln Gln Tyr Asn Lys
1 5

<210> 7

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 7

Leu	Leu	Ile	Arg	Cys	Ile	Asn	Cys	Gln	Lys
1				5					10

<210> 8

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 8

His	Gly	Asp	Thr	Pro	Thr	Leu	His	Glu	Tyr
1				5					10

<210> 9

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 9

Gln	Pro	Glu	Thr	Thr	Asp	Leu	Tyr	Cys	Tyr
1				5					10

<210> 10

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 10

Gln Ala Glu Pro Asp Arg Ala His Tyr
1 5

<210> 11

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 11

Ile Val Cys Pro Ile Cys Ser Gln Lys
1 5

<210> 12

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 12

Arg Phe Glu Asp Pro Thr Arg Arg Pro Tyr
1 5 10

<210> 13

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 13

Phe Glu Asp Pro Thr Arg Arg Pro Tyr
1 5

<210> 14

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 14

Leu Gln Asp Ile Glu Ile Thr Cys Val Tyr
1 5 10

<210> 15

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 15

Leu Thr Glu Val Phe Glu Phe Ala Phe Lys

1	5	10
---	---	----

<210> 16

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 16

Tyr	Ser	Arg	Ile	Arg	Glu	Leu	Arg	His	Tyr
1				5					10

<210> 17

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 17

Ser	Val	Tyr	Gly	Asp	Thr	Leu	Glu	Lys
1				5				

<210> 18

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 18

Leu Leu Ile Arg Cys Leu Arg Cys Gln Lys
1 5 10

<210> 19

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 19

His Thr Met Leu Cys Met Cys Cys Lys
1 5

<210> 20

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 20

Ser Leu Glu Gln Arg Ser Leu His Cys Lys
1 5 10

<210> 21

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 21

Ser Leu Phe Arg Ala Val Ile Thr Lys
1 5

<210> 22

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 22

Ser Leu Phe Arg Ala Val Ile Thr Lys Lys
1 5 10

<210> 23

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 23

Asp Leu Val Gly Phe Leu Leu Leu Lys
1 5

<210> 24

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 24

Met	Leu	Glu	Ser	Val	Ile	Lys	Asn	Tyr	Lys
1				5					10

<210> 25

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 25

Met	Leu	Glu	Ser	Val	Ile	Lys	Asn	Tyr
1				5				

<210> 26

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 26

Gln	Leu	Val	Phe	Gly	Ile	Asp	Val	Lys
1				5				

<210> 27

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 27

Glu Ala Asp Pro Thr Gly His Ser Tyr
1 5

<210> 28

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 28

Leu Leu Gly Asp Asn Gln Ile Met Pro Lys
1 5 10

<210> 29

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 29

Trp Glu Glu Leu Ser Val Met Glu Val Tyr
1 5 10

<210> 30

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 30

Val	Tyr	Asp	Gly	Arg	Glu	His	Ser	Ala	Tyr
1				5					10

<210> 31

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 31

Leu	Leu	Thr	Gln	Asp	Leu	Val	Gln	Glu	Lys
1				5					10

<210> 32

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 32

Leu	Thr	Gln	Asp	Leu	Val	Gln	Glu	Lys
1				5				

<210> 33

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 33

Leu	Thr	Gln	Asp	Leu	Val	Gln	Glu	Lys	Tyr
1				5					10

<210> 34

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 34

Thr	Gln	Asp	Leu	Val	Gln	Glu	Lys	Tyr
1				5				

<210> 35

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 35

Ile Val Gly Gly Trp Glu Cys Glu Lys
1 5

<210> 36

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 36

Leu Thr Ala Ala His Cys Ile Arg Asn Lys
1 5 10

<210> 37

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 37

Val Ser His Ser Phe Pro His Pro Leu Tyr
1 5 10

<210> 38

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 38

Pro Leu Tyr Asp Met Ser Leu Leu Lys
1 5

<210> 39

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 39

Asp Val Cys Ala Gln Val His Pro Gln Lys
1 5 10

<210> 40

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 40

Gln Val His Pro Gln Lys Val Thr Lys
1 5

<210> 41

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 41

Pro Ser Leu Tyr Thr Lys Val Val His Tyr
1 5 10

<210> 42

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 42

Tyr Thr Lys Val Val His Tyr Arg Lys
1 5

<210> 43

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 43

Lys Val Val His Tyr Arg Lys Trp Ile Lys
1 5 10

<210> 44

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 44

Val Val His Tyr Arg Lys Trp Ile Lys
1 5

<210> 45

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 45

Ser Thr Asn Pro Lys Pro Gln Arg Lys
1 5

<210> 46

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 46

Asn Thr Asn Arg Arg Pro Gln Asp Val Lys
1 5 10

<210> 47

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 47

Arg Leu Gly Val Arg Ala Thr Arg Lys
1 5

<210> 48

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 48

Val Gln Asp Cys Asn Cys Ser Ile Tyr
1 5

<210> 49

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 49

Trp Met Asn Ser Thr Gly Phe Thr Lys
1 5

<210> 50

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 50

Leu Thr Pro Arg Cys Met Val Asp Tyr
1 5

<210> 51

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 51

Phe Thr Ile Phe Lys Ile Arg Met Tyr
1 5

<210> 52

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<223> radiolabeled probe

<400> 52

Lys Val Phe Pro Tyr Ala Leu Ile Asn Lys
1 5 10

<210> 53

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<223> radiolabeled probe

<400> 53

Ala Val Asp Leu Tyr His Phe Leu Lys
1 5

<210> 54

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<223> radiolabeled probe

<400> 54

Tyr Leu Glu Pro Ala Ile Ala Lys Tyr
1 5

<210> 55

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<223> Artificial peptide

<400> 55

Ala Tyr Ile Asp Asn Val Tyr Lys Phe
1 5

<210> 56

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<220>

<223> Artificial peptide

<400> 56

Ala Tyr Ile Asp Asn Tyr Asn Lys Phe
1 5

<210> 57

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 57

Ala Ala Asp Lys Ala Ala Ala Ala Tyr
1 5

<210> 58

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 58

Ala Thr Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 59

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 59

Ala Thr Asp Lys Ala Ala Ala Ala Tyr
1 5

<210> 60

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 60

Ala Leu Ala Lys Ala Ala Ala Ala Val
1 5

<210> 61

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 61

Ala Met Ala Ala Ala Ala Ala Ala Lys
1 5

<210> 62

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 62

Ala Thr Ala Ala Ala Ala Ala Lys
1 5

<210> 63

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 63

Ala Tyr Ala Lys Ala Ala Ala Phe
1 5

<210> 64

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 64

Ala Ala Asp Lys Ala Ala Ala Tyr
1 5 10

<210> 65

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 65

Ala Thr Ala Lys Ala Ala Ala Ala Ala Tyr
1 5 10

<210> 66

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 66

Ala Thr Asp Lys Ala Ala Ala Ala Ala Tyr
1 5 10

<210> 67

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 67

Ala Leu Ala Lys Ala Ala Ala Ala Ala Val
1 5 10

<210> 68

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 68

Ala Met Ala Ala Ala Ala Ala Ala Lys
1 5 10

<210> 69

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 69

Ala Thr Ala Ala Ala Ala Ala Ala Lys
1 5 10

<210> 70

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 70

Ala Leu Ala Ala Ala Ala Ala Lys
1 5

<210> 71

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 71

Ala Val Ala Ala Ala Ala Ala Lys
1 5

<210> 72

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 72

Ala Ser Ala Ala Ala Ala Ala Lys
1 5

<210> 73

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 73

Ala Ile Ala Ala Ala Ala Ala Lys
1 5

<210> 74

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 74

Ala Ala Ala Ala Ala Ala Ala Lys
1 5

<210> 75

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 75

Ala Phe Ala Ala Ala Ala Ala Lys
1 5

<210> 76

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 76

Ala Gly Ala Ala Ala Ala Ala Lys
1 5

<210> 77

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 77

Ala Cys Ala Ala Ala Ala Ala Lys
1 5

<210> 78

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 78

Ala Asp Ala Ala Ala Ala Ala Lys
1 5

<210> 79

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 79

Ala Asn Ala Ala Ala Ala Ala Lys
1 5

<210> 80

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 80

Ala Lys Ala Ala Ala Ala Ala Lys
1 5

<210> 81

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 81

Ala Tyr Ala Ala Ala Ala Ala Ala Lys
1 5

<210> 82

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 82

Ala Pro Ala Ala Ala Ala Ala Ala Lys
1 5

<210> 83

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 83

Ala Leu Ala Ala Ala Ala Ala Arg
1 5

<210> 84

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 84

Ala Leu Ala Ala Ala Ala Ala Tyr
1 5

<210> 85

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 85

Ala Leu Ala Ala Ala Ala Ala Ala
1 5

<210> 86

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 86

Ala Leu Ala Ala Ala Ala Ala Gln
1 5

<210> 87

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 87

Ala Leu Ala Ala Ala Ala Ala Ala Ser
1 5

<210> 88

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 88

Ala Leu Ala Ala Ala Ala Ala Ala Thr
1 5

<210> 89

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 89

Ala Leu Ala Ala Ala Ala Ala Ala Asn
1 5

<210> 90

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 90

Ala Leu Ala Ala Ala Ala Ala Ala Glu
1 5

<210> 91

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 91

Ala Phe Ala Lys Ala Ala Ala Ala Phe
1 5

<210> 92

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 92

Ala Pro Ala Lys Ala Ala Ala Ala Phe
1 5

<210> 93

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 93

Ala Ala Ala Lys Ala Ala Ala Ala Phe
1 5

<210> 94

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 94

Ala Lys Ala Lys Ala Ala Ala Ala Phe
1 5

<210> 95

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 95

Ala Tyr Ala Lys Ala Ala Ala Ala Ile
1 5

<210> 96

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 96

Ala Tyr Ala Lys Ala Ala Ala Ala Leu
1 5

<210> 97

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 97

Ala Tyr Ala Lys Ala Ala Ala Ala Val
1 5

<210> 98

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 98

Ala Tyr Ala Lys Ala Ala Ala Ala Ala
1 5

<210> 99

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 99

Ala Tyr Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 100

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 100

Ala Tyr Ala Lys Ala Ala Ala Ala Lys
1 5

<210> 101

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 101

Ala Ser Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 102

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 102

Ala Met Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 103

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 103

Ala Ala Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 104

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 104

Ala Leu Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 105

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 105

Ala Ile Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 106

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 106

Ala Val Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 107

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 107

Ala Lys Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 108

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 108

Ala Asn Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 109

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 109

Ala Asp Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 110

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 110

Ala Gly Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 111

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 111

Ala Pro Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 112

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 112

Ala His Ala Lys Ala Ala Ala Ala Tyr
1 5

<210> 113

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 113

Ala Thr Ala Lys Ala Ala Ala Ala Ala
1 5

<210> 114

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 114

Ala Thr Ala Lys Ala Ala Ala Ala Phe
1 5

<210> 115

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 115

Ala Thr Ala Lys Ala Ala Ala Ala His
1 5

<210> 116

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 116

Ala Thr Ala Lys Ala Ala Ala Ala Val
1 5

<210> 117

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 117

Ala Thr Ala Lys Ala Ala Ala Ala Asn
1 5

<210> 118

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 118

Ala Thr Ala Lys Ala Ala Ala Ala Asp
1 5

<210> 119

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 119

Ala Thr Ala Lys Ala Ala Ala Ala Trp
1 5

<210> 120

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 120

Ala Thr Ala Lys Ala Ala Ala Ala Lys
1 5

<210> 121

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 121

Ala Thr Ala Lys Ala Ala Ala Ala Ile
1 5

<210> 122

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 122

Ala Thr Ala Lys Ala Ala Ala Ala Pro
1 5

<210> 123

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 123

Ala Ala Glu Lys Ala Ala Ala Ala Tyr
1 5

<210> 124

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 124

Ala Ala Ser Lys Ala Ala Ala Ala Tyr
1 5

<210> 125

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 125

Ala Ala Asn Lys Ala Ala Ala Ala Tyr
1 5

<210> 126

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 126

Ala Ala Gln Lys Ala Ala Ala Ala Tyr
1 5

<210> 127

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 127

Ala Ala Lys Lys Ala Ala Ala Ala Tyr
1 5

<210> 128

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 128

Ala Ala Asp Lys Ala Ala Ala Ala Ala
1 5

<210> 129

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 129

Ala Ala Asp Lys Ala Ala Ala Ala Trp
1 5

<210> 130

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 130

Ala Ala Asp Lys Ala Ala Ala Ala Phe
1 5

<210> 131

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 131

Ala Ala Asp Lys Ala Ala Ala Ala Lys
1 5

<210> 132

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 132

Ile Ser Glu Tyr Arg His Tyr Ala Tyr
1 5

<210> 133

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 133

Val Ala Asp Lys Ala Leu Lys Phe Tyr
1 5

<210> 134

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 134

Gln Ala Glu Pro Asp Arg Ala His Tyr
1 5

<210> 135

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 135

Glu Ile Asp Gly Pro Ala Gly Gln Ala
1 5

<210> 136

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 136

Thr Thr Asp Leu Tyr Ala Tyr Glu Gln
1 5

<210> 137

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 137

Met Ser Ala Ala Arg Ser Ser Arg Thr
1 5

<210> 138

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 138

His Val Asp Ile Arg Thr Leu Glu Asp
1 5

<210> 139

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 139

Trp Thr Gly Arg Ala Met Ser Ala Ala
1 5

<210> 140

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 140

Tyr Arg Asp Gly Asn Pro Tyr Ala Val
1 5

<210> 141

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 141

Leu Ile Arg Ala Ile Asn Ala Gln Lys
1 5

<210> 142

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 142

Ile Val Tyr Arg Asp Gly Asn Pro Tyr
1 5

<210> 143

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 143

Ile Val Ala Pro Ile Ala Ser Gln Lys
1 5

<210> 144

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 144

Ile Ile Leu Glu Ala Val Tyr Ala Lys
1 5

<210> 145

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 145

His Leu Asp Lys Lys Gln Arg Phe His
1 5

<210> 146

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 146

Ala Met Ser Ala Ala Arg Ser Ser Arg
1 5

<210> 147

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 147

Ala Met Phe Gln Asp Pro Gln Glu Arg
1 5

<210> 148

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 148

Thr Thr Leu Glu Gln Gln Tyr Asn Lys
1 5

<210> 149

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 149

Ala Val Tyr Ala Lys Gln Gln Leu Leu
1 5

<210> 150

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 150

His Tyr Asn Ile Val Thr Phe Ala Ala
1 5

<210> 151

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 151

Ser Ala Ala Arg Ser Ser Arg Thr Arg
1 5

<210> 152

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 152

Lys Phe Tyr Ser Lys Ile Ser Glu Tyr
1 5

<210> 153

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 153

Ser Leu Tyr Gly Thr Thr Leu Glu Gln
1 5

<210> 154

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 154

Tyr Asn Ile Val Thr Phe Ala Ala Lys
1 5

<210> 155

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 155

Gln Gln Leu Leu Arg Arg Glu Val Tyr
1 5

<210> 156

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 156

Ala Val Ala Asp Lys Ala Leu Lys Phe
1 5

<210> 157

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 157

Gln Gln Tyr Asn Lys Pro Leu Ala Asp
1 5

<210> 158

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 158

Lys Ile Ser Glu Tyr Arg His Tyr Ala
1 5

<210> 159

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 159

Arg His Tyr Ala Tyr Ser Leu Tyr Gly
1 5

<210> 160

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 160

Ala Ala Arg Ser Ser Arg Thr Arg Arg
1 5

<210> 161

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 161

Ala Ala Lys Ala Asp Ser Thr Leu Arg
1 5

<210> 162

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 162

Val Tyr Ala Lys Gln Gln Leu Leu Arg
1 5

<210> 163

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 163

Tyr Ala Val Ala Asp Lys Ala Leu Lys
1 5

<210> 164

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 164

Lys Ala Asp Ser Thr Leu Arg Leu Ala
1 5

<210> 165

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 165

Thr Gly Arg Ala Met Ser Ala Ala Arg
1 5

<210> 166

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 166

Val Ala Pro Ile Ala Ser Gln Lys Pro
1 5

<210> 167

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 167

Ala Tyr Ser Leu Tyr Gly Thr Thr Leu
1 5

<210> 168

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 168

Lys Ala Leu Lys Phe Tyr Ser Lys Ile
1 5

<210> 169

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 169

Arg Phe His Asn Ile Arg Gly Arg Trp
1 5

<210> 170

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 170

Arg Ala His Tyr Asn Ile Val Thr Phe
1 5

<210> 171

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 171

Val Tyr Asp Phe Ala Phe Arg Asp Leu
1 5

<210> 172

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 172

Glu Tyr Arg His Tyr Ala Tyr Ser Leu
1 5

<210> 173

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 173

Leu Gln Thr Thr Ile His Asp Ile Ile
1 5

<210> 174

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 174

Pro Tyr Ala Val Ala Asp Lys Ala Leu
1 5

<210> 175

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 175

Met His Gln Lys Arg Thr Ala Met Phe
1 5

<210> 176

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 176

His Tyr Ala Tyr Ser Leu Tyr Gly Thr
1 5

<210> 177

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 177

Leu Leu Arg Arg Glu Val Tyr Asp Phe
1 5

<210> 178

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 178

His Leu Asp Met Leu Arg His Leu Tyr
1 5

<210> 179

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 179

Leu Leu Asp Ile Asp Glu Thr Glu Tyr
1 5

<210> 180

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 180

Gly Thr Gln Leu Phe Glu Asp Asn Tyr
1 5

<210> 181

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 181

Leu Thr Cys Ser Pro Gln Pro Glu Tyr
1 5

<210> 182

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 182

Glu Thr Leu Glu Glu Ile Thr Gly Tyr
1 5

<210> 183

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 183

Phe Thr His Gln Ser Asp Val Trp Ser Tyr
1 5 10

<210> 184

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 184

Arg	Leu	Leu	Asp	Ile	Asp	Glu	Thr	Glu	Tyr
1				5					10

<210> 185

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 185

Thr	Leu	Glu	Glu	Ile	Thr	Gly	Tyr	Leu	Tyr
1				5					10

<210> 186

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 186

Tyr	Val	Met	Ala	Gly	Val	Gly	Ser	Pro	Tyr
1				5					10

<210> 187

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 187

Gly	Thr	Pro	Thr	Ala	Glu	Asn	Pro	Glu	Tyr
1				5					10

<210> 188

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 188

Leu	Ile	Gln	Arg	Asn	Pro	Gln	Leu	Cys	Tyr
1				5					10

<210> 189

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 189

Val	Val	Gln	Gly	Asn	Leu	Glu	Leu	Thr	Tyr
1				5					10

<210> 190

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 190

Met Gly Asp Leu Val Asp Ala Glu Glu Tyr
1 5 10

<210> 191

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 191

Lys Ile Arg Lys Tyr Thr Met Arg Arg
1 5

<210> 192

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 192

Val Val Phe Gly Ile Leu Ile Lys Arg
1 5

<210> 193

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 193

Leu Val Lys Ser Pro Asn His Val Lys
1 5

<210> 194

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 194

Val Leu Arg Glu Asn Thr Ser Pro Lys
1 5

<210> 195

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 195

Ile Leu Ile Lys Arg Arg Gln Gln Lys
1 5

<210> 196

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 196

Ile Leu Trp Lys Asp Ile Phe His Lys
1 5

<210> 197

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 197

Lys Ile Thr Asp Phe Gly Leu Ala Arg
1 5

<210> 198

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 198

Gly Val Val Phe Gly Ile Leu Ile Lys
1 5

<210> 199

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 199

Gln Val Cys Thr Gly Thr Asp Met Lys
1 5

<210> 200

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 200

Leu Leu Asp His Val Arg Glu Asn Arg
1 5

<210> 201

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 201

Cys Val Asn Cys Ser Gln Phe Leu Arg
1 5

<210> 202

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 202

Thr Val Cys Ala Gly Gly Cys Ala Arg
1 5

<210> 203

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 203

Ile Leu Lys Glu Thr Glu Leu Arg Lys
1 5

<210> 204

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 204

Val Thr Ala Glu Asp Gly Thr Gln Arg
1 5

<210> 205

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 205

Asp Leu Ser Tyr Met Pro Ile Trp Lys
1 5

<210> 206

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 206

Thr	Ile	Leu	Trp	Lys	Asp	Ile	Phe	His	Lys
1				5					10

<210> 207

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 207

Gly	Thr	Gln	Arg	Cys	Glu	Lys	Cys	Ser	Lys
1				5					10

<210> 208

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 208

Lys	Val	Leu	Arg	Glu	Asn	Thr	Ser	Pro	Lys
1				5					10

<210> 209

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 209

Gln	Leu	Arg	Ser	Leu	Thr	Glu	Ile	Leu	Lys
1				5					10

<210> 210

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 210

Arg	Leu	Val	His	Arg	Asp	Leu	Ala	Ala	Arg
1				5					10

<210> 211

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 211

Leu	Leu	Asn	Trp	Cys	Met	Gln	Ile	Ala	Lys
1				5					10

<210> 212

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 212

Thr	Ile	Asp	Val	Tyr	Met	Ile	Met	Val	Lys
1				5					10

<210> 213

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 213

Arg	Ile	Leu	Lys	Glu	Thr	Glu	Leu	Arg	Lys
1				5					10

<210> 214

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 214

Val	Leu	Val	Lys	Ser	Pro	Asn	His	Val	Lys
1				5					10

<210> 215

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 215

Ser	Val	Phe	Gln	Asn	Leu	Gln	Val	Ile	Arg
1				5					10

<210> 216

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 216

His	Thr	Val	Pro	Trp	Asp	Gln	Leu	Phe	Arg
1				5					10

<210> 217

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 217

Ile	Leu	Lys	Gly	Gly	Val	Leu	Ile	Gln	Arg
1				5					10

<210> 218

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 218

Leu Val Ser Glu Phe Ser Arg Met Ala Arg
1 5 10

<210> 219

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 219

Gly Val Val Phe Gly Ile Leu Ile Lys Arg
1 5 10

<210> 220

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 220

Cys Val Ala Arg Cys Pro Ser Gly Val Lys
1 5 10

<210> 221

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 221

Val Val Phe Gly Ile Leu Ile Lys Arg Arg
1 5 10

<210> 222

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 222

Gly Ile Leu Lys Arg Arg Gln Gln Lys
1 5

<210> 223

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 223

Arg Thr Val Cys Ala Gly Gly Cys Ala Arg
1 5 10

<210> 224

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 224

Gly Leu Ala Cys His Gln Leu Cys Ala Arg
1 5 10

<210> 225

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 225

Lys Ile Pro Val Ala Ile Lys Val Leu Arg
1 5 10

<210> 226

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 226

Val Gly Glu Ala Asp Tyr Phe Glu Tyr
1 5

<210> 227

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 227

Pro Leu Arg Glu Ser Ile Val Cys Tyr
1 5

<210> 228

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 228

Pro Val Gly Glu Ala Asp Tyr Phe Glu Tyr
1 5 10

<210> 229

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 229

Gly Thr Trp Val Ala Gly Val Phe Val Tyr
1 5 10

<210> 230

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 230

Gly Val Phe Val Tyr Gly Gly Ser Lys
1 5

<210> 231

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 231

Lys Thr Ser Leu Tyr Asn Leu Arg Arg
1 5

<210> 232

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 232

Ala Ile Lys Asp Leu Val Met Thr Lys
1 5

<210> 233

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 233

Gln Thr His Ile Phe Ala Glu Val Leu Lys
1 5 10

<210> 234

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 234

Gly	Thr	Ala	Leu	Ala	Ile	Pro	Gln	Cys	Arg
1				5					10

<210> 235

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 235

Cys	Thr	Glu	Leu	Lys	Leu	Ser	Asp	Tyr
1				5				

<210> 236

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 236

Ser	Thr	Leu	Glu	Leu	Arg	Ser	Arg	Tyr
1				5				

<210> 237

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 237

Ile Leu Arg Gly Ser Val Ala His Lys
1 5

<210> 238

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 238

Arg Met Cys Asn Ile Leu Lys Gly Lys
1 5

<210> 239

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 239

Leu Met Gln Gly Ser Thr Leu Pro Arg
1 5

<210> 240

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 240

Met Ile Asp Gly Ile Gly Arg Phe Tyr
1 5

<210> 241

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 241

Met Val Leu Ser Ala Phe Asp Glu Arg
1 5

<210> 242

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 242

Tyr Ile Gln Met Cys Thr Glu Leu Lys
1 5

<210> 243

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 243

Gly Ile Asn Asp Arg Asn Phe Trp Arg
1 5

<210> 244

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 244

Ser Leu Met Gln Gly Ser Thr Leu Pro Arg
1 5 10

<210> 245

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 245

Lys Met Ile Asp Gly Ile Gly Arg Phe Tyr
1 5 10

<210> 246

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 246

Leu Ile Leu Arg Gly Ser Val Ala His Lys
1 5 10

<210> 247

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 247

Arg Ser Gly Ala Ala Gly Ala Ala Val Lys
1 5 10

<210> 248

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 248

Ser Ser Thr Leu Glu Leu Arg Ser Arg Tyr
1 5 10

<210> 249

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 249

Arg Ser Arg Tyr Trp Ala Ile Arg Thr Arg
1 5 10

<210> 250

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 250

Arg Met Val Leu Ser Ala Phe Asp Glu Arg
1 5 10

<210> 251

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 251

Phe Tyr Ile Gln Met Cys Thr Glu Leu
1 5

<210> 252

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 252

Ala Tyr Glu Arg Met Cys Asn Ile Leu
1 5

<210> 253

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 253

Arg Phe Tyr Ile Gln Met Cys Thr Glu Leu
1 5 10

<210> 254

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 254

Leu Leu Asp Thr Ala Ser Ala Leu Tyr
1 5

<210> 255

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 255

Ser Leu Asp Val Ser Ala Ala Phe Tyr
1 5

<210> 256

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 256

Pro Thr Thr Gly Arg Thr Ser Leu Tyr
1 5

<210> 257

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 257

Met Ser Thr Thr Asp Leu Glu Ala Tyr
1 5

<210> 258

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 258

Leu Thr Lys Gln Tyr Leu Asn Leu Tyr
1 5

<210> 259

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 259

Lys Val Gly Asn Phe Thr Gly Leu Tyr
1 5

<210> 260

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 260

Met Ser Pro Thr Asp Leu Glu Ala Tyr
1 5

<210> 261

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 261

Phe Ser Gln Phe Ser Arg Gly Asn Tyr
1 5

<210> 262

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 262

Pro Ser Ser Trp Ala Phe Ala Lys Tyr
1 5

<210> 263

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 263

Gln Ser Ala Val Arg Lys Glu Ala Tyr
1 5

<210> 264

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 264

Pro Leu Asp Lys Gly Ile Lys Pro Tyr
1 5

<210> 265

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 265

Ser Leu Met Leu Leu Tyr Lys Thr Tyr
1 5

<210> 266

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 266

Ala Ser Arg Asp Leu Val Val Ser Tyr
1 5

<210> 267

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 267

Pro Ser Arg Gly Arg Leu Gly Leu Tyr
1 5

<210> 268

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 268

Ser Ser Thr Ser Arg Asn Ile Asn Tyr
1 5

<210> 269

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 269

Asp Leu Leu Asp Thr Ala Ser Ala Leu Tyr
1 5 10

<210> 270

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 270

Leu Leu Asp Pro Arg Val Arg Gly Leu Tyr
1 5 10

<210> 271

<211> 10

<212> PRT

<213> Artificial sequence

. <220>

<223> Synthetic peptide

<400> 271

Leu	Ser	Leu	Asp	Val	Ser	Ala	Ala	Phe	Tyr
1				5					10

<210> 272

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 272

Phe	Leu	Cys	Gln	Gln	Tyr	Leu	His	Leu	Tyr
1				5					10

<210> 273

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 273

Gln	Thr	Phe	Gly	Arg	Lys	Leu	His	Leu	Tyr
1				5					10

<210> 274

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 274

Lys	Thr	Tyr	Gly	Arg	Lys	Leu	His	Leu	Tyr
1				5					10

<210> 275

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 275

Lys	Thr	Phe	Gly	Arg	Lys	Leu	His	Leu	Tyr
1				5					10

<210> 276

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 276

Leu	Gln	Asp	Pro	Arg	Val	Arg	Ala	Leu	Tyr
1				5					10

<210> 277

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 277

Thr Thr Pro Ala Gln Gly Thr Ser Met Tyr
1 5 10

<210> 278

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 278

Leu Ser Ser Thr Ser Arg Asn Ile Asn Tyr
1 5 10

<210> 279

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 279

Pro Leu Asp Lys Gly Ile Lys Pro Tyr Tyr
1 5 10

<210> 280

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 280

His Ser Ala Ser Phe Cys Gly Ser Pro Tyr
1 5 10

<210> 281

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 281

Phe	Leu	Thr	Lys	Gln	Tyr	Leu	Asn	Leu	Tyr
1				5					10

<210> 282

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 282

Arg	Ser	Ala	Ser	Phe	Cys	Gly	Ser	Pro	Tyr
1				5					10

<210> 283

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 283

Trp	Leu	Trp	Gly	Met	Asp	Ile	Asp	Pro	Tyr
1				5					10

<210> 284

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 284

His	Thr	Leu	Trp	Lys	Ala	Gly	Ile	Leu	Tyr
1				5					10

<210> 285

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 285

Thr	Ser	Cys	Pro	Pro	Ile	Cys	Pro	Gly	Tyr
1				5					10

<210> 286

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 286

Lys	Ser	Val	Gln	His	Leu	Glu	Ser	Leu	Tyr
1				5					10

<210> 287

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 287

Asn	Leu	Tyr	Val	Ser	Leu	Leu	Leu	Leu	Tyr
1				5					10

<210> 288

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 288

Trp	Met	Met	Trp	Tyr	Trp	Gly	Pro	Ser	Leu
1				5					10

<210> 289

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 289

Leu	Leu	Tyr	Gln	Thr	Phe	Gly	Arg	Lys
1				5				

<210> 290

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 290

Ile Met Pro Ala Arg Phe Tyr Pro Lys
1 5

<210> 291

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 291

Cys Leu His Gln Ser Pro Val Arg Lys
1 5

<210> 292

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 292

Ser Ala Ile Cys Ser Val Val Arg Arg
1 5

<210> 293

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 293

His Leu His Gln Asp Ile Ile Lys Lys
1 5

<210> 294

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 294

Ser Leu Pro Gln Glu His Ile Ile Gln Lys
1 5 10

<210> 295

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 295

Ser Met Phe Pro Ser Cys Cys Cys Thr Lys
1 5 10

<210> 296

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 296

Ser	Met	Tyr	Pro	Ser	Cys	Cys	Cys	Thr	Lys
1				5					10

<210> 297

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 297

Gln	Ala	Phe	Thr	Phe	Ser	Pro	Thr	Tyr	Lys
1				5					10

<210> 298

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 298

Leu	Leu	Leu	Tyr	Gln	Thr	Phe	Gly	Arg	Lys
1				5					10

<210> 299

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 299

Tyr Met Asp Asp Val Val Leu Gly Ala Lys
1 5 10

<210> 300

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 300

Thr Ser Ala Ile Cys Ser Val Val Arg Arg
1 5 10

<210> 301

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 301

Pro Thr Tyr Lys Ala Phe Leu Cys Lys
1 5

<210> 302

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 302

Pro Thr Asp Leu Glu Ala Tyr Phe Lys
1 5

<210> 303

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 303

Lys Tyr Thr Ser Phe Pro Trp Leu Leu
1 5

<210> 304

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 304

Leu Tyr Ala Ala Val Thr Asn Phe Leu
1 5

<210> 305

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 305

Phe Tyr Pro Asn Leu Thr Lys Tyr Leu
1 5

<210> 306

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 306

Leu Tyr Ser Ser Thr Val Pro Ser Phe
1 5

<210> 307

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 307

Phe Tyr Pro Lys Val Thr Lys Tyr Leu
1 5

<210> 308

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 308

Phe Tyr Pro Asn Val Thr Lys Tyr Leu
1 5

<210> 309

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 309

Leu Tyr Ser Ile Leu Ser Pro Phe Leu
1 5

<210> 310

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 310

Leu Tyr Ser Ser Thr Val Pro Val Leu
1 5

<210> 311

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 311

Leu Tyr Asn Ile Leu Ser Pro Phe Leu
1 5

<210> 312

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 312

Asn Tyr Arg Val Ser Trp Pro Lys Phe
1 5

<210> 313

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 313

His Tyr Phe Gln Thr Arg His Tyr Leu
1 5

<210> 314

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 314

His Tyr Phe Lys Thr Arg His Tyr Leu
1 5

<210> 315

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 315

Gly Tyr Pro Ala Leu Met Pro Leu Tyr
1 5

<210> 316

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 316

Ala Tyr Arg Pro Pro Asn Ala Pro Ile
1 5

<210> 317

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 317

Leu Tyr Gln Thr Phe Gly Arg Lys Leu
1 5

<210> 318

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 318

Ser Tyr Gln His Phe Arg Arg Leu Leu
1 5

<210> 319

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 319

Leu Tyr Ser His Pro Ile Ile Leu Gly Phe
1 5 10

<210> 320

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 320

Leu Tyr Ala Ala Val Thr Asn Phe Leu Leu
1 5 10

<210> 321

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 321

Leu Tyr Arg Pro Leu Leu Ser Leu Pro Phe
1 5 10

<210> 322

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 322

Ser Tyr Gln His Phe Arg Arg Leu Leu Leu
1 5 10

<210> 323

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 323

Ser Tyr Gln His Phe Arg Lys Leu Leu Leu
1 5 10

<210> 324

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 324

Tyr	Tyr	Pro	Glu	His	Leu	Val	Asn	His	Tyr
1				5					10

<210> 325

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 325

Ala	Tyr	Arg	Pro	Pro	Asn	Ala	Pro	Ile	Leu
1				5					10

<210> 326

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 326

Gly	Tyr	Arg	Trp	Met	Cys	Leu	Arg	Arg	Phe
1				5					10

<210> 327

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 327

Asn Phe Leu Leu Ser Leu Gly Ile His Leu
1 5 10

<210> 328

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 328

Tyr Val Ser Leu Met Leu Leu Tyr Lys
1 5

<210> 329

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 329

Leu Leu Tyr Lys Thr Phe Gly Arg Lys
1 5

<210> 330

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 330

Leu Leu Tyr Lys Thr Tyr Gly Arg Lys
1 5

<210> 331

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 331

Val Thr Lys Tyr Leu Pro Leu Asp Lys
1 5

<210> 332

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 332

Arg His Tyr Leu His Thr Leu Trp Lys
1 5

<210> 333

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 333

Ser Thr Val Pro Ser Phe Asn Pro Lys
1 5

<210> 334

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 334

Thr Thr Asp Leu Glu Ala Tyr Phe Lys
1 5

<210> 335

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 335

Tyr Val Ser Leu Leu Leu Leu Tyr Lys
1 5

<210> 336

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 336

Pro Thr Tyr Lys Ala Phe Leu Thr Lys
1 5

<210> 337

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 337

His Leu Tyr Pro Val Ala Arg Gln Arg
1 5

<210> 338

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 338

Ser Thr Asn Arg Gln Leu Gly Arg Lys
1 5

<210> 339

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 339

Ala Leu Arg Phe Thr Ser Ala Arg Arg
1 5

<210> 340

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 340

Pro Val Asn Arg Pro Ile Asp Trp Lys
1 5

<210> 341

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 341

Thr Val Asn Glu Asn Arg Arg Leu Lys
1 5

<210> 342

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 342

Val Val Asn His Tyr Phe Gln Thr Arg
1 5

<210> 343

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 343

Ser Thr Thr Ser Thr Gly Pro Cys Lys
1 5

<210> 344

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 344

Gln Val Leu Pro Lys Leu Leu His Lys
1 5

<210> 345

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 345

Leu Thr Lys Tyr Leu Pro Leu Asp Lys
1 5

<210> 346

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 346

Cys Leu His Gln Ser Ala Val Arg Lys
1 5

<210> 347

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 347

Val Val Asp Phe Ser Gln Phe Ser Arg
1 5

<210> 348

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 348

Pro Leu Tyr Ala Cys Ile Gln Ala Lys
1 5

<210> 349

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 349

Tyr Val Asn Thr Asn Met Gly Leu Lys
1 5

<210> 350

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 350

Pro Leu Tyr Ala Cys Ile Gln Ser Lys
1 5

<210> 351

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 351

Arg Leu Ala Asp Glu Gly Leu Asn Arg
1 5

<210> 352

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 352

Ala Val Asn His Tyr Phe Lys Thr Arg
1 5

<210> 353

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 353

Arg Leu Lys Leu Ile Met Pro Ala Arg
1 5

<210> 354

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 354

Ile Leu Tyr Lys Arg Glu Thr Thr Arg
1 5

<210> 355

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 355

Lys Val Phe Val Leu Gly Gly Cys Arg
1 5

<210> 356

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 356

Asn Val Ser Ile Pro Trp Thr His Lys
1 5

<210> 357

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 357

Leu Leu Leu Tyr Lys Thr Phe Gly Arg
1 5

<210> 358

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 358

Arg Leu Val Phe Gln Thr Ser Thr Arg
1 5

<210> 359

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 359

Phe Val Leu Gly Gly Cys Arg His Lys
1 5

<210> 360

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 360

Arg Leu Val Leu Gln Thr Ser Thr Arg
1 5

<210> 361

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 361

Met Leu Leu Tyr Lys Thr Tyr Gly Arg
1 5

<210> 362

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 362

Thr Val Asn Glu Lys Arg Arg Leu Lys
1 5

<210> 363

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 363

Asn Leu Tyr Pro Val Ala Arg Gln Arg
1 5

<210> 364

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 364

Leu Pro Tyr Arg Pro Thr Thr Gly Arg
1 5

<210> 365

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 365

Leu Val Ser Phe Gly Val Trp Ile Arg
1 5

<210> 366

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 366

Leu Val Gly Ser Ser Gly Leu Pro Arg
1 5

<210> 367

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 367

His Ile Ser Cys Leu Thr Phe Gly Arg
1 5

<210> 368

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 368

Ser Val Pro Ser Arg Leu Pro Asp Arg
1 5

<210> 369

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 369

Ser Val Pro Ser His Leu Pro Asp Arg
1 5

<210> 370

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 370

Thr Leu Pro Gln Glu His Ile Val Leu Lys
1 5 10

<210> 371

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 371

Thr	Val	Pro	Val	Phe	Asn	Pro	His	Trp	Lys
1				5					10

<210> 372

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 372

Thr	Leu	Trp	Lys	Ala	Gly	Ile	Leu	Tyr	Lys
1				5					10

<210> 373

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 373

Ser	Met	Tyr	Pro	Ser	Cys	Cys	Cys	Thr	Lys
1				5					10

<210> 374

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 374

Arg Leu Pro Tyr Arg Pro Thr Thr Gly Arg
1 5 10

<210> 375

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 375

Ser Thr Thr Asp Leu Glu Ala Tyr Phe Lys
1 5 10

<210> 376

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 376

Leu Leu Leu Tyr Lys Thr Phe Gly Arg Lys
1 5 10

<210> 377

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 377

Thr Val Asn Ala His Arg Asn Leu Pro Lys
1 5 10

<210> 378

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 378

Glu Ala Tyr Phe Lys Asp Cys Leu Phe Lys
1 5 10

<210> 379

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 379

Leu Val Val Asp Phe Ser Gln Phe Ser Arg
1 5 10

<210> 380

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 380

Met Leu Leu Tyr Lys Thr Tyr Gly Arg Lys
1 5 10

<210> 381

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 381

Thr	Ala	Tyr	Ser	His	Leu	Ser	Thr	Ser	Lys
1				5					10

<210> 382

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 382

Ser	Leu	Gly	Ile	His	Leu	Asn	Pro	Asn	Lys
1				5					10

<210> 383

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 383

Arg	Leu	Gly	Leu	Tyr	Arg	Pro	Leu	Leu	Arg
1				5					10

<210> 384

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 384

Val	Thr	Gly	Gly	Val	Phe	Leu	Val	Asp	Lys
1				5					10

<210> 385

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 385

Arg	Ile	Arg	Thr	Pro	Arg	Thr	Pro	Ala	Arg
1				5					10

<210> 386

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 386

Thr	Val	Asn	Gly	His	Gln	Val	Leu	Pro	Lys
1				5					10

<210> 387

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 387

Ser	Leu	Pro	Phe	Gln	Pro	Thr	Thr	Gly	Arg
1				5					10

<210> 388

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 388

Thr	Leu	Pro	Glu	Thr	Thr	Val	Val	Arg	Arg
1				5					10

<210> 389

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 389

Gly	Thr	Asp	Asn	Ser	Val	Val	Leu	Ser	Arg
1				5					10

<210> 390

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 390

Ser Thr Leu Pro Glu Thr Thr Val Val Arg
1 5 10

<210> 391

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 391

Lys Val Thr Lys Tyr Leu Pro Leu Asp Lys
1 5 10

<210> 392

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 392

Ser Thr Arg His Gly Asp Lys Ser Phe Arg
1 5 10

<210> 393

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 393

Val Leu Ser Cys Trp Trp Leu Gln Phe Arg
1 5 10

<210> 394

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 394

Asn Val Thr Lys Tyr Leu Pro Leu Asp Lys
1 5 10

<210> 395

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 395

Arg Val Cys Cys Gln Leu Asp Pro Ala Arg
1 5 10

<210> 396

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 396

Ser	Leu	Gly	Ile	His	Leu	Asn	Pro	Gln	Lys
1				5					10

<210> 397

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 397

Tyr	Leu	Val	Ser	Phe	Gly	Val	Trp	Ile	Arg
1				5					10

<210> 398

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 398

Phe	Val	Gly	Pro	Leu	Thr	Val	Asn	Glu	Lys
1				5					10

<210> 399

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 399

Tyr Val Gly Pro Leu Thr Val Asn Glu Lys
1 5 10

<210> 400

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 400

Arg Leu Ala Asp Glu Gly Leu Asn Arg Arg
1 5 10

<210> 401

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 401

Ile Val Leu Lys Leu Lys Gln Cys Phe Arg
1 5 10

<210> 402

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 402

Pro Ile Pro Ser Ser Trp Ala Phe Ala Lys
1 5 10

<210> 403

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 403

Leu Thr Val Asn Glu Asn Arg Arg Leu Lys
1 5 10

<210> 404

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 404

Cys Thr Cys Gly Ser Ser Asp Leu Tyr
1 5

<210> 405

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 405

Asn Ile Val Asp Val Gln Tyr Leu Tyr
1 5

<210> 406

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 406

Val Gln Asp Cys Asn Cys Ser Ile Tyr
1 5

<210> 407

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 407

Leu Thr Pro Arg Cys Met Val Asp Tyr
1 5

<210> 408

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 408

Arg Val Cys Glu Lys Met Ala Leu Tyr
1 5

<210> 409

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 409

Asp Val Val Cys Cys Ser Met Ser Tyr
1 5

<210> 410

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 410

Phe Thr Ile Phe Lys Ile Arg Met Tyr
1 5

<210> 411

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 411

Gly Leu Ser Ala Phe Ser Leu His Ser Tyr
1 5 10

<210> 412

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 412

Thr	Leu	His	Gly	Pro	Thr	Pro	Leu	Leu	Tyr
1				5					10

<210> 413

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 413

Glu	Tyr	Val	Leu	Leu	Leu	Phe	Leu	Leu
1				5				

<210> 414

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 414

Met	Tyr	Val	Gly	Gly	Val	Glu	His	Arg	Leu
1				5					10

<210> 415

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 415

Glu Tyr Val Leu Leu Leu Phe Leu Leu Leu
1 5 10

<210> 416

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 416

Ser Val Pro Ala Glu Ile Leu Arg Lys
1 5

<210> 417

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 417

Gln Leu Phe Thr Phe Ser Pro Arg Arg
1 5

<210> 418

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 418

Arg Leu Gly Val Arg Ala Thr Arg Lys
1 5

<210> 419

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 419

Leu Ile Phe Cys His Ser Lys Lys Lys
1 5

<210> 420

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 420

His Leu Ile Phe Cys His Ser Lys Lys
1 5

<210> 421

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 421

Lys Thr Ser Glu Arg Ser Gln Pro Arg
1 5

<210> 422

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 422

Ala Val Cys Thr Arg Gly Val Ala Lys
1 5

<210> 423

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 423

Glu Val Pro Cys Val Gln Pro Glu Lys
1 5

<210> 424

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 424

Ile Thr Arg Val Glu Ser Glu Asn Lys
1 5

<210> 425

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 425

Cys Ile Ile Thr Ser Leu Thr Gly Arg
1 5

<210> 426

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 426

Gly Val Ala Gly Ala Leu Val Ala Phe Lys
1 5 10

<210> 427

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 427

His Leu His Ala Pro Thr Gly Ser Gly Lys
1 5 10

<210> 428

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 428

Arg Met Tyr Val Gly Gly Val Glu His Arg
1 5 10

<210> 429

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 429

His Leu Ile Phe Cys His Ser Lys Lys Lys
1 5 10

<210> 430

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 430

Thr Leu Gly Phe Gly Ala Tyr Met Ser Lys
1 5 10

<210> 431

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 431

Gly	Val	Gly	Ile	Tyr	Leu	Leu	Pro	Asn	Arg
1				5				10	

<210> 432

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 432

Leu	Leu	Phe	Leu	Leu	Leu	Ala	Asp	Ala	Arg
1				5				10	

<210> 433

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 433

Phe	Arg	Asp	Tyr	Val	Asp	Arg	Phe	Tyr
1				5				

<210> 434

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 434

Ile Tyr Gln Tyr Met Asp Asp Leu Tyr
1 5

<210> 435

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 435

Thr Val Leu Asp Val Gly Asp Ala Tyr
1 5

<210> 436

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 436

Val Thr Val Leu Asp Val Gly Asp Ala Tyr
1 5 10

<210> 437

<211> 10

a

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 437

Val	Ile	Tyr	Gln	Tyr	Met	Asp	Asp	Leu	Tyr
1				5					10

<210> 438

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 438

Glu	Val	Asn	Ile	Val	Thr	Asp	Ser	Gln	Tyr
1				5					10

<210> 439

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 439

Leu	Val	Ala	Val	His	Val	Ala	Ser	Gly	Tyr
1				5					10

<210> 440

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 440

Pro	Ala	Glu	Thr	Gly	Gln	Glu	Thr	Ala	Tyr
1				5					10

<210> 441

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 441

Ile	Ser	Lys	Ile	Gly	Pro	Glu	Asn	Pro	Tyr
1				5					10

<210> 442

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 442

Gln	Met	Ala	Val	Phe	Ile	His	Asn	Phe	Lys
1				5					10

<210> 443

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 443

Arg Tyr Leu Lys Asp Gln Gln Leu Leu
1 5

<210> 444

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 444

Thr Tyr Gln Ile Tyr Gln Glu Pro Phe
1 5

<210> 445

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 445

Ile Tyr Gln Glu Pro Phe Lys Asn Leu
1 5

<210> 446

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 446

Ile Tyr Lys Arg Trp Ile Ile Leu Gly Leu
1 5 10

<210> 447

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 447

Leu Tyr Pro Leu Ala Ser Leu Arg Ser Leu
1 5 10

<210> 448

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 448

Lys Leu Ala Gly Arg Trp Pro Val Lys
1 5

<210> 449

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 449

Ala Val Phe Ile His Asn Phe Lys Arg
1 5

<210> 450

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 450

Ala Ile Phe Gln Ser Ser Met Thr Lys
1 5

<210> 451

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 451

Ile Val Ile Trp Gly Lys Thr Pro Lys
1 5

<210> 452

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 452

Lys Leu Thr Glu Asp Arg Trp Asn Lys
1 5

<210> 453

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 453

Gly Ile Pro His Pro Ala Gly Leu Lys
1 5

<210> 454

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 454

Gln Ile Ile Glu Gln Leu Ile Lys Lys
1 5

<210> 455

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 455

Lys Ile Trp Pro Ser Tyr Lys Gly Arg
1 5

<210> 456

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 456

Ile Ile Ala Thr Asp Ile Gln Thr Lys
1 5

<210> 457

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 457

Met Gly Tyr Glu Leu His Pro Asp Lys
1 5

<210> 458

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 458

Tyr Leu Ala Trp Val Pro Ala His Lys
1 5

<210> 459

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 459

Lys Ile Trp Pro Ser His Lys Gly Arg
1 5

<210> 460

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 460

Phe Val Asn Thr Pro Pro Leu Val Lys
1 5

<210> 461

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 461

Asn Thr Pro Val Phe Ala Ile Lys Lys
1 5

<210> 462

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 462

Thr Val Gln Cys Thr His Gly Ile Lys
1 5

<210> 463

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 463

Ile Leu Asp Ile Arg Gln Gly Pro Lys
1 5

<210> 464

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 464

Arg Asp Tyr Val Asp Arg Phe Tyr Lys
1 5

<210> 465

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 465

Gly Ile Ile Gln Ala Gln Pro Asp Lys
1 5

<210> 466

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 466

Val Leu Phe Leu Asp Gly Ile Asp Lys
1 5

<210> 467

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 467

Leu Val Asp Phe Arg Glu Leu Asn Lys
1 5

<210> 468

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 468

Lys Val Val Pro Arg Arg Lys Ala Lys
1 5

<210> 469

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 469

Met Thr Lys Ile Leu Glu Pro Phe Arg
1 5

<210> 470

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 470

Thr Val Tyr Tyr Gly Val Pro Val Trp Lys
1 5 10

<210> 471

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 471

Thr Val Gln Pro Ile Val Leu Pro Glu Lys
1 5 10

<210> 472

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 472

Ala Val Phe Ile His Asn Phe Lys Arg Lys
1 5 10

<210> 473

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 473

Lys Val Leu Phe Leu Asp Gly Ile Asp Lys
1 5 10

<210> 474

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 474

Lys	Leu	Val	Asp	Phe	Arg	Glu	Leu	Asn	Lys
1				5					10

<210> 475

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 475

Lys	Leu	Lys	Pro	Gly	Met	Asp	Gly	Pro	Lys
1				5					10

<210> 476

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 476

Phe	Leu	Gly	Lys	Ile	Trp	Pro	Ser	Tyr	Lys
1				5					10

<210> 477

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 477

Lys Ile Gln Asn Phe Arg Val Tyr Tyr Arg
1 5 10

<210> 478

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 478

Gly Ile Pro His Pro Ala Gly Leu Lys Lys
1 5 10

<210> 479

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 479

Leu Val Lys Leu Trp Tyr Gln Leu Glu Lys
1 5 10

<210> 480

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 480

Met Ile Gly Gly Ile Gly Gly Phe Ile Lys
1 5 10

<210> 481

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 481

Met	Thr	Lys	Ile	Leu	Glu	Pro	Phe	Arg	Lys
1				5					10

<210> 482

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 482

Val	Val	Ile	Gln	Asp	Asn	Ser	Asp	Ile	Lys
1				5					10

<210> 483

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 483

Phe	Leu	Gly	Lys	Ile	Trp	Pro	Ser	His	Lys
1				5					10

<210> 484

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 484

Ile	Val	Gln	Gln	Gln	Asn	Asn	Leu	Leu	Arg
1				5					10

<210> 485

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 485

Phe	Thr	Thr	Pro	Asp	Lys	Lys	His	Gln	Lys
1				5					10

<210> 486

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 486

Leu	Val	Glu	Ile	Cys	Thr	Glu	Met	Glu	Lys
1				5					10

<210> 487

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 487

Leu	Val	Gln	Asn	Ala	Asn	Pro	Asp	Cys	Lys
1			5						10

<210> 488

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 488

Ile	Ser	Glu	Tyr	Arg	His	Tyr	Cys	Tyr
1				5				

<210> 489

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 489

Gln	Ala	Glu	Pro	Asp	Arg	Ala	His	Tyr
1				5				

<210> 490

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 490

Leu	Gln	Asp	Ile	Glu	Ile	Thr	Cys	Val	Tyr
1				5					10

<210> 491

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 491

Tyr	Ser	Lys	Ile	Ser	Glu	Tyr	Arg	His	Tyr
1				5					10

<210> 492

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 492

His	Gly	Asp	Thr	Pro	Thr	Leu	His	Glu	Tyr
1				5					10

<210> 493

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 493

Gln	Pro	Glu	Thr	Thr	Asp	Leu	Tyr	Cys	Tyr
1				5					10

<210> 494

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 494

Ile	His	Asp	Ile	Ile	Leu	Glu	Cys	Val	Tyr
1				5					10

<210> 495

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 495

Tyr	Ser	Arg	Ile	Arg	Glu	Leu	Arg	His	Tyr
1				5					10

<210> 496

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 496

Ala	Val	Cys	Asp	Lys	Cys	Leu	Lys	Phe	Tyr
1				5					10

<210> 497

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 497

Leu	Leu	Ile	Arg	Cys	Leu	Arg	Cys	Gln	Lys
1				5					10

<210> 498

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 498

His	Thr	Met	Leu	Cys	Met	Cys	Cys	Lys
1				5				

<210> 499

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 499

Val Tyr Cys Lys Thr Val Leu Glu Leu
1 5

<210> 500

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 500

Cys Tyr Ser Leu Tyr Gly Thr Thr Leu
1 5

<210> 501

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 501

Val Tyr Asp Phe Ala Phe Arg Asp Leu
1 5

<210> 502

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 502

Leu Tyr Asn Leu Leu Ile Arg Cys Leu
1 5

<210> 503

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 503

Val Tyr Gly Asp Thr Leu Glu Lys Leu
1 5

<210> 504

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 504

Ser Val Tyr Gly Asp Thr Leu Glu Lys
1 5

<210> 505

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 505

Thr Thr Leu Glu Gln Gln Tyr Asn Lys
1 5

<210> 506

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 506

Ser Ile Pro His Ala Ala Cys His Lys
1 5

<210> 507

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 507

Ile Val Cys Pro Ile Cys Ser Gln Lys
1 5

<210> 508

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 508

Lys Leu Arg His Leu Asn Glu Lys Arg
1 5

<210> 509

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 509

Leu Ile Arg Cys Leu Arg Cys Gln Lys
1 5

<210> 510

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 510

Ile Ile Leu Glu Cys Val Tyr Cys Lys
1 5

<210> 511

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 511

Cys Ile Asp Phe Tyr Ser Arg Ile Arg
1 5

<210> 512

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 512

Gly	Thr	Thr	Leu	Glu	Gln	Gln	Tyr	Asn	Lys
1				5					10

<210> 513

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 513

Leu	Leu	Ile	Arg	Cys	Ile	Asn	Cys	Gln	Lys
1				5					10

<210> 514

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 514

Leu	Thr	Glu	Val	Phe	Glu	Phe	Ala	Phe	Lys
1				5					10

<210> 515

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 515

Gly	Ile	Val	Cys	Pro	Ile	Ser	Cys	Gln	Lys
1				5					10

<210> 516

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 516

Asp	Ile	Ile	Leu	Glu	Cys	Val	Tyr	Cys	Lys
1				5					10

<210> 517

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 517

Lys	Leu	Arg	His	Leu	Asn	Glu	Lys	Arg	Arg
1				5					10

<210> 518

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 518

Cys Val Tyr Cys Lys Gln Gln Leu Leu Arg
1 5 10

<210> 519

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 519

Glu Val Asp Pro Ile Gly His Leu Tyr
1 5

<210> 520

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 520

Glu Ala Asp Pro Thr Ser Asn Thr Tyr
1 5

<210> 521

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 521

Thr Gln Asp Leu Val Gln Glu Lys Tyr
1 5

<210> 522

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 522

Glu Val Asp Pro Ile Gly His Val Tyr
1 5

<210> 523

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 523

Glu Ala Asp Pro Thr Gly His Ser Tyr
1 5

<210> 524

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 524

Leu Val Gln Glu Lys Tyr Leu Glu Tyr
1 5

<210> 525

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 525

Thr Ser Tyr Val Lys Val Leu Glu Tyr
1 5

<210> 526

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 526

Ser Ser Leu Pro Thr Thr Met Asn Tyr
1 5

<210> 527

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 527

Gly Ser Val Val Gly Asn Trp Gln Tyr
1 5

<210> 528

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 528

Ser Ser Pro Ser Thr Thr Ile Asn Tyr
1 5

<210> 529

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 529

Met Leu Glu Ser Val Ile Lys Asn Tyr
1 5

<210> 530

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 530

Ala Ser Ser Leu Pro Thr Thr Met Asn Tyr
1 5 10

<210> 531

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 531

Leu	Thr	Gln	Asp	Leu	Val	Gln	Glu	Lys	Tyr
1				5					10

<210> 532

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 532

Glu	Thr	Ser	Tyr	Val	Lys	Val	Leu	Glu	Tyr
1				5					10

<210> 533

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 533

Ala	Ser	Ser	Phe	Ser	Thr	Thr	Ile	Asn	Tyr
1				5					10

<210> 534

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 534

Asp Leu Val Gln Glu Lys Tyr Leu Glu Tyr
1 5 10

<210> 535

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 535

Thr Thr Ile Asn Phe Thr Arg Gln Arg
1 5

<210> 536

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 536

Ala Leu Ala Glu Thr Ser Tyr Val Lys
1 5

<210> 537

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 537

Leu Thr Gln Asp Leu Val Gln Glu Lys
1 5

<210> 538

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 538

His Ser Ala Tyr Gly Glu Pro Arg Lys
1 5

<210> 539

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 539

Leu Phe Arg Ala Val Ile Thr Lys Lys
1 5

<210> 540

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 540

Arg	Val	Arg	Phe	Phe	Phe	Pro	Ser	Leu	Arg
1				5					10

<210> 541

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 541

Ala	Asp	Leu	Val	Gly	Phe	Leu	Leu	Leu	Lys
1				5					10

<210> 542

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 542

Glu	Ser	Leu	Phe	Arg	Ala	Val	Ile	Thr	Lys
1				5					10

<210> 543

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 543

Tyr Val Ile Lys Val Ser Ala Arg Val Arg
1 5 10

<210> 544

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 544

Leu Ser Val Met Glu Val Tyr Asp Gly Arg
1 5 10

<210> 545

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 545

Lys Ala Glu Met Leu Glu Ser Val Ile Lys
1 5 10

<210> 546

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 546

Arg Ala Leu Ala Glu Thr Ser Tyr Val Lys
1 5 10

<210> 547

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 547

Asn Tyr Pro Leu Trp Ser Gln Ser Tyr
1 5

<210> 548

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 548

Asn Tyr Lys His Cys Phe Pro Glu Ile Phe
1 5 10

<210> 549

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 549

Leu Tyr Ile Phe Ala Thr Cys Leu Gly Leu
1 5 10

<210> 550

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 550

Ser Tyr Val Lys Val Leu Glu Tyr Val Ile
1 5 10

<210> 551

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 551

Ser Leu Phe Arg Ala Val Ile Thr Lys
1 5

<210> 552

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 552

-180-

Ser Val Met Glu Val Tyr Asp Gly Arg
1 5

<210> 553

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 553

Ser Leu Phe Arg Ala Val Ile Thr Lys Lys
1 5 10

<210> 554

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 554

Leu Leu Thr Gln Asp Leu Val Gln Glu Lys
1 5 10

<210> 555

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 555

Met Leu Glu Ser Val Ile Lys Asn Tyr Lys
1 5 10

<210> 556

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 556

Leu	Leu	Gly	Asp	Asn	Gln	Ile	Met	Pro	Lys
1				5					10

<210> 557

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 557

Ser	Leu	Glu	Gln	Arg	Ser	Leu	His	Cys	Lys
1				5					10

<210> 558

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 558

Gly	Ser	Asp	Cys	Thr	Thr	Ile	His	Tyr
1				5				

<210> 559

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 559

Gly	Thr	Ala	Lys	Ser	Val	Thr	Cys	Thr	Tyr
1			5						10

<210> 560

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 560

Arg	Val	Glu	Gly	Asn	Leu	Arg	Val	Glu	Tyr
1			5						10

<210> 561

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 561

Arg	Val	Arg	Ala	Met	Ala	Ile	Tyr	Lys
1			5					

<210> 562

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 562

Cys Thr Tyr Ser Pro Ala Leu Asn Lys
1 5

<210> 563

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 563

Asn Thr Ser Ser Ser Pro Gln Pro Lys
1 5

<210> 564

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 564

Arg Thr Glu Glu Glu Asn Leu Arg Lys
1 5

<210> 565

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 565

Glu Leu Asn Glu Ala Leu Glu Leu Lys
1 5

<210> 566

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 566

Arg Thr Glu Glu Glu Asn Leu Arg Lys Lys
1 5 10

<210> 567

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 567

Lys Thr Tyr Gln Gly Ser Tyr Gly Phe Arg
1 5 10

<210> 568

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 568

Val Val Arg Arg Cys Pro His His Glu Arg
1 5 10

<210> 569

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 569

Asn Thr Ser Ser Ser Pro Gln Pro Lys Lys
1 5 10

<210> 570

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 570

Arg Val Cys Ala Cys Pro Gly Arg Asp Arg
1 5 10

<210> 571

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 571

Gly Leu Ala Pro Pro Gln His Leu Ile Arg
1 5 10

<210> 572

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 572

Lys Gly Glu Tyr Phe Val Glu Met Tyr
1 5

<210> 573

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 573

Leu Gly Glu Tyr Ile Arg Lys Arg Tyr
1 5

<210> 574

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 574

Ala Ser Cys His Leu Thr Glu Leu Tyr
1 5

<210> 575

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 575

Glu Ser Tyr Lys His Glu Gln Val Tyr
1 5

<210> 576

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 576

Leu Ser Glu Leu Ser Leu Leu Ser Leu Tyr
1 5 10

<210> 577

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 577

Leu Thr Gln Leu Gly Met Glu Gln His Tyr
1 5 10

<210> 578

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 578

Lys Gly Glu Tyr Phe Val Glu Met Tyr Tyr
1 5 10

<210> 579

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 579

Leu Val Asn Glu Ile Leu Asn His Met Lys
1 5 10

<210> 580

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 580

Ala Thr Gln Ile Pro Ser Tyr Lys Lys
1 5

<210> 581
<211> 10
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide
<400> 581

Glu Thr Leu Lys Ser Glu Glu Phe Gln Lys
1 5 10

<210> 582
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide
<400> 582

Leu Tyr Phe Glu Lys Gly Glu Tyr Phe
1 5

<210> 583
<211> 9
<212> PRT
<213> Artificial sequence

<220>
<223> Synthetic peptide
<400> 583

Leu Tyr Cys Glu Ser Val His Asn Phe
1 5

<210> 584

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 584

Pro Tyr Lys Asp Phe Ile Ala Thr Leu
1 5

<210> 585

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 585

Val Tyr Asn Gly Leu Leu Pro Pro Tyr
1 5

<210> 586

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 586

Pro Tyr Ala Ser Cys His Leu Thr Glu Leu
1 5 10

<210> 587

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 587

Ala Leu Pro Glu Arg Pro Ser Leu Tyr
1 5

<210> 588

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 588

Val Ser His Ser Phe Pro His Pro Leu Tyr
1 5 10

<210> 589

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 589

Pro Leu Tyr Asp Met Ser Leu Leu Lys
1 5

<210> 590

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 590

Val Val His Tyr Arg Lys Trp Ile Lys
1 5

<210> 591

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 591

Tyr Thr Lys Val Val His Tyr Arg Lys
1 5

<210> 592

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 592

Ser Leu Leu Lys Asn Arg Phe Leu Arg
1 5

<210> 593

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 593

Ile Val Gly Gly Trp Glu Cys Glu Lys
1 5

<210> 594

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 594

Gln Val His Pro Gln Lys Val Thr Lys
1 5

<210> 595

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 595

Ser Leu Tyr Thr Lys Val Val His Tyr Arg
1 5 10

<210> 596

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 596

Leu Thr Ala Ala His Cys Ile Arg Asn Lys
1 5 10

<210> 597

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 597

Arg Ile Val Gly Gly Trp Glu Cys Glu Lys
1 5 10

<210> 598

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 598

Lys Val Val His Tyr Arg Lys Trp Ile Lys
1 5 10

<210> 599

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 599

Val Thr Lys Phe Met Leu Cys Ala Gly Arg
1 5 10

<210> 600

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 600

Met Leu Leu Arg Leu Ser Glu Pro Ala
1 5

<210> 601

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 601

Glu Ser Leu Phe Arg Ala Val Ile Thr Lys
1 5 10

<210> 602

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 602

Lys Val Tyr Leu Ala Trp Val Pro Ala His Lys
1 5 10

<210> 603

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 603

Lys Met Ile Gly Gly Ile Gly Gly Phe Ile Lys
1 5 10

<210> 604

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 604

Trp Thr Tyr Gln Ile Tyr Gln Glu Pro Phe Lys
1 5 10

<210> 605

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 605

Val Thr Val Tyr Tyr Gly Val Pro Val Trp Lys
1 5 10

<210> 606

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 606

Phe Leu Leu Thr Arg Ile Leu Thr Ile
1 5

<210> 607

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 607

Phe Leu Pro Ser Asp Phe Phe Pro Ser Val
1 5 10

<210> 608

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 608

Gly Leu Tyr Ser Ser Thr Val Pro Val
1 5

<210> 609

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 609

Val Leu Val His Pro Gln Trp Val Leu
1 5

<210> 610

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 610

Phe Leu Pro Ser Asp Tyr Phe Pro Ser Val
1 5 10

<210> 611

<211> 9

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 611

Ile Leu Leu Trp Asp Pro Ile Pro Val
1 5

<210> 612

<211> 10

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 612

Lys Leu Gln Cys Val Asp Leu Val His Ile
1 5 10

<210> 613

<211> 11

<212> PRT

<213> Artificial sequence

<220>

<223> Synthetic peptide

<400> 613

Met Leu Leu Arg Leu Ser Glu Pro Ala Glu Leu
1 5 10